Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084547.D
Acq On : 19 Jan 2016 12:26
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
1/20/2016 2:22:20 PM

Quant Time: Jan 19 17:33:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 19 17:05:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	290426	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1187389	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	544009	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	1052141	20.00	ng		0.00
75) Chrysene-d12	13.96	240	771519	20.00	ng		0.00
86) Perylene-d12	15.36	264	588679	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1323289	73.70	ng		0.00
7) Phenol-d6	6.44	99	1703856	75.56	ng		0.00
23) Nitrobenzene-d5	7.37	82	1549533	72.63	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	453788	82.62	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	2435359	78.25	ng		0.00
78) Terphenyl-d14	12.91	244	2596987	75.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	325891	38.31	ng	#	76
3) Pyridine	3.05	79	769220	32.44	ng	#	71
4) n-Nitrosodimethylamine	3.01	42	395692	32.51	ng		78
6) Aniline	6.46	93	1231844	37.34	ng		94
8) 2-Chlorophenol	6.58	128	804434	39.49	ng		86
9) Benzaldehyde	6.34	77	505683	34.44	ng		98
10) Phenol	6.45	94	883221	34.45	ng	#	64
11) bis(2-Chloroethyl)ether	6.53	93	778461	39.19	ng	#	81
12) 1,3-Dichlorobenzene	6.74	146	887539	42.23	ng		99
13) 1,4-Dichlorobenzene	6.82	146	846226m	40.16	ng		
14) 1,2-Dichlorobenzene	6.97	146	787490	39.02	ng		98
15) Benzyl Alcohol	6.94	79	645068	34.00	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1219345	33.71	ng		87
17) 2-Methylphenol	7.07	107	706091	41.36	ng		94
18) Hexachloroethane	7.31	117	342988	40.70	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	572801	37.52	ng	#	74
20) 3+4-Methylphenols	7.22	107	715349	35.65	ng	#	55
22) Acetophenone	7.22	105	1184308	41.48	ng	#	94
24) Nitrobenzene	7.39	77	971216	44.88	ng		95
25) Isophorone	7.63	82	1603508	39.30	ng		99
26) 2-Nitrophenol	7.70	139	406824	41.31	ng	#	80
27) 2,4-Dimethylphenol	7.74	122	727671	36.50	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	988133	39.65	ng		98
29) 2,4-Dichlorophenol	7.95	162	701788	42.26	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	738560	43.08	ng	#	95
31) Naphthalene	8.11	128	2325464	43.17	ng		99
32) Benzoic acid	7.89	122	507813	40.69	ng		95
33) 4-Chloroaniline	8.16	127	935797	37.89	ng		98
34) Hexachlorobutadiene	8.22	225	389915	39.57	ng		98
35) Caprolactam	8.54	113	235932	42.15	ng	#	48
36) 4-Chloro-3-methylphenol	8.65	107	712811	38.32	ng		91
37) 2-Methylnaphthalene	8.80	142	1410475	36.47	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	695146	44.45	ng		99
40) Hexachlorocyclopentadiene	8.96	237	368773	39.06	ng		99

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Quant Time: Jan 19 17:33:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	471190	40.27	ng		94
43) 2,4,5-Trichlorophenol	9.13	196	467241	41.66	ng		93
45) 1,1'-Biphenyl	9.26	154	1794043	41.49	ng		99
46) 2-Chloronaphthalene	9.29	162	1366579	40.24	ng		94
47) 2-Nitroaniline	9.39	65	532506	47.51	ng	#	80
48) Acenaphthylene	9.70	152	1928009	38.43	ng		96
49) Dimethylphthalate	9.57	163	1553878	39.95	ng	#	90
50) 2,6-Dinitrotoluene	9.63	165	330373	38.73	ng	#	52
51) Acenaphthene	9.87	154	1376350	40.89	ng		97
52) 3-Nitroaniline	9.80	138	436325	41.28	ng		92
53) 2,4-Dinitrophenol	9.90	184	226195	63.04	ng	#	86
54) Dibenzofuran	10.04	168	1720078	39.07	ng	#	89
55) 4-Nitrophenol	9.97	139	348628	45.44	ng	#	85
56) 2,4-Dinitrotoluene	10.03	165	444032	41.13	ng	#	88
57) Fluorene	10.38	166	1275450	37.44	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	416924	43.54	ng		89
59) Diethylphthalate	10.27	149	1671340	43.59	ng		97
60) 4-Chlorophenyl-phenylether	10.38	204	708759	50.87	ng		88
61) 4-Nitroaniline	10.42	138	460096	48.83	ng		88
62) Azobenzene	10.54	77	1780837	42.34	ng		94
64) 4,6-Dinitro-2-methylphenol	10.44	198	292881	45.79	ng		84
65) n-Nitrosodiphenylamine	10.50	169	1248296	37.11	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	433296	38.26	ng	#	70
67) Hexachlorobenzene	10.93	284	501731	39.36	ng		95
68) Atrazine	11.04	200	446843	40.59	ng		95
69) Pentachlorophenol	11.13	266	260311	39.39	ng		96
70) Phenanthrene	11.34	178	2026310	36.82	ng		95
71) Anthracene	11.40	178	2397546	44.44	ng		98
72) Carbazole	11.55	167	2000387	37.93	ng		98
73) Di-n-butylphthalate	11.89	149	2545029	45.54	ng	#	96
74) Fluoranthene	12.53	202	2366230	41.16	ng		96
76) Benzidine	12.66	184	861346	31.14	ng		99
77) Pyrene	12.76	202	2390631	39.49	ng		97
79) Butylbenzylphthalate	13.38	149	1009541	38.53	ng		88
80) Benzo(a)anthracene	13.95	228	1746117	38.54	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	742100	46.94	ng	#	97
82) Chrysene	13.99	228	1695929	38.96	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	1226838	37.07	ng	#	94
84) Di-n-octyl phthalate	14.56	149	2032676	36.38	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.73	276	1342133	38.89	ng		100
87) Benzo(b)fluoranthene	14.97	252	1653382m	42.94	ng		
88) Benzo(k)fluoranthene	14.99	252	1236424m	39.26	ng		
89) Benzo(a)pyrene	15.31	252	1396525	42.76	ng	#	97
90) Dibenzo(a,h)anthracene	16.74	278	1096610	39.02	ng		96
91) Benzo(g,h,i)perylene	17.13	276	946896	32.53	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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